

Product datasheet for **RN202147**

Txk (NM_001024255) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Txk (NM_001024255) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Txk
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202147 representing NM_001024255
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATCTCCTTTTCAGACAGCACCTTCCAGTCTATCCTCTGTTGCTGCTGTTGCTGCTCAGTGCAGGGGA
 GACGAGTGACAACACGGATCAGCCTAAGCAGAGAGGAAGAAGTCTCAGAAAAGCATTCCCAGCGTCAGAG
 GCAGTGGTTCTCCAAACTGATGGCAAAAGTCAATCCAGCAGAGGTGGGGTGCAACCCTCAAAGCGTAGG
 CCACTGCCTCCCCTCCCGCAGGAGTTTACAGAAGAGAGAATCCGGGTCAAGGCTCTTTATGACTTCTGTC
 CTCGGGAGCCCTGTAATTTGGCACTGAAGAGAGCAGAGGAATATCTGATATTGGAGAGGTGTGACCTCA
 CTGGTGGAGGGCCAGAGACCGCCTCGGGAATGAAGGCTTAATCCCAAGCAACTATGTGACAGAAAACAGA
 CTCACCAATTTAGAAACATATGAATGGTATCATAAGAACATCACTAGAGACCAGACGGAACCGCTGTTGA
 GGCAGGAGGCTAAAGAAGGTGCATTTATCGTGAGAGATTCGAGACATTTGGGGTCTTACACAATCTCTGT
 GTTTACAAGAGCTAGAAGGCATACACAGTCTTCAATAAAACATTATCAGATTA AAAAGAATGACTCAGGA
 CAATGGTACGTACCCGAAAGACACCTCTTCCCTCGGTTCCCGAGTTGATCCAGTATCACCAGTACAATG
 CAGCTGGTCTCATGTCCCGTCTCCGCTATCCTGTTGGGCTCCTGGGCAGCTGTTTACCAGCCACATCTGG
 TTTTAGCTATGAAAAGTGGGAAATAGATCCGTCTGAGTTGACTTTTGTCAAGGAGATCGGAAGTGGTCAG
 TTTGGGTAGTCTACTTAGGAGAGTGGAGAGCAGTATCCGGGTCCGCATCAAGGCCATCAATGAAGGCT
 CCATGTCTGAAGAAGATTTCAATGAGGAAGCCAAGGTGATGATGAAGCTGTCACTCGAGGTTAGTTCA
 ACTTTATGGGGTGTGCATACAGCAGAAGCCCTCTACATAGTGACGGAGTTCATGGAAAATGGCTGCCTG
 CTCGACTATCTCAGGGAGAGAAAAGGCAAGCTTCCGAAGGCATTGCTTTTGAGCATGTGCCAGGACATAT
 GTGAAGGGATGGCGTACCTGGAGAAGAGTGCATATCCACAGGGATCTGGCTGCCAGGAAGTGTGGT
 CAGTTCTGCCTGCGTAGTAAAGATCTCGGACTTTGGGATGGCGAGGTACGTTTTGGACGATGAATATATC
 AGTTCTTCTGGAGCTAAGTCCCAGTCAAGTGGTCCCCACCTGAAGTTTTTTCATTTCAACAAGTACAGTA
 GCAAGTCTGACGTCTGGTCATTCGGAGTTTTAATGTGGGAAGTTTTTACAGAAGGAAAAATGCCCTTTGA
 GAATAAGTCCAATTTGCAAGTGGTGAAGCCATTTCTAAAGTTCGGCTCTATCGTCCTCACCTGGCC
 CCCATGTCCATATACGGAGTTATGTACAGTTGCTGGCATGAGAGCCCTAAAGGCCGTCGACATTTGCTG
 AGTTGCTTCAGGTTCTCGCAGAGATCGCGAAACCTGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001024255
- Insert Size:** 1581 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001024255.1](#), [NP_001019426.1](#)

RefSeq Size: 2308 bp

RefSeq ORF: 1581 bp

Locus ID: 305311

Cytogenetics: 14p11